

Model	Histology	Primary/Metastasis	IHC xenograft	ERα	PR	HER2	Ki67	Stroma analysis (Microarray)	Stroma analysis (IHC)	Stroma analysis (FC)	Macrophage analysis (Microarray)
HBCx-1	IDC	Primary	Triple negative	78	0	4416	7724	X			
HBCx-10	IDC	Primary	Triple negative	190	0	1622	1640	X			X
HBCx-11	IDC	Primary	Triple negative	0	0	1347	3509	X			
HBCx-12A	IDC	Primary	Triple negative	67	1	5548	7040	X	X		
HBCx-12B	IDC	Metastasis	Triple negative	UK	UK	UK	UK	X			X
HBCx-13B	IDC	Metastasis	HER2	UK	UK	UK	UK	X	X		
HBCx-14	IDC	Primary	Triple negative	35	0	301	4158				X
HBCx-15	Undifferentiated	Primary	Triple negative	15	0	1056	5484	X			X
HBCx-16	IDC	Primary	Triple negative	UK	10	7119	UK	X			X
HBCx-19	ILC	Metastasis	Luminal	UK	UK	UK	UK				
HBCx-21	Mucinous	Primary	Luminal	3953	370	1095	2151				X
HBCx-22	IDC	Primary	Luminal	4619	798	10846	8303		X		X
HBCx-23	IDC	Primary	Triple negative	17	4	1010	2498				X
HBCx-24	IDC	Primary	Triple negative	13	0	1233	7810		X		X
HBCx-3	IDC	Primary	Luminal	1381	16	563	5592	X	X	X	
HBCx-30	IDC	Primary	Triple negative	2	0	3068	9353				X
HBCx-34	IDC	Primary	Luminal	1789	147	5041	6179		X	X	X
HBCx-39	IDC	Primary	Triple negative	UK	UK	UK	UK				X
HBCx-40	IDC	Primary	Triple negative	UK	UK	UK	UK				X
HBCx-41	Micropapillary	Primary	HER2	UK	UK	UK	UK		X		X
HBCx-4B	IDC	Metastasis	Triple negative	325	0	460	8046		X		X
HBCx-5	Colloid	Metastasis	HER2	986	0	78607	1532				X
HBCx-6	IDC	Primary	Triple negative	34	0	1480	4507	X			
HBCx-7	ILC	Metastasis	Triple negative	0	0	370	1086				
HBCx-8	IDC	Primary	Triple negative	1	0	676	1152		X	X	
HBCx-9	IDC	Primary	Triple negative	2	0	1762	1148				X

Supplementary Table 1. Biological characteristics of HBC xenografts.

Quantitative RT-PCR was performed for expression analysis.